



# City of Norfolk

Department of Utilities

June 25, 2014

Re: Addendum No. 1: Western Branch Dam Safety Modifications

To Whom It May Concern:

Attached, please find a copy of the above referenced addendum. As indicated in the project specifications, please send an email to [curt.hauger@norfolk.gov](mailto:curt.hauger@norfolk.gov) to acknowledge receipt of this addendum.

**Acknowledgement is essential, as the bid opening date has been changed to July 16, 2014 at 3pm.**

Your cooperation is appreciated.

Sincerely,

Kenneth R. Turner, P.E.  
Engineering Manager

Attachment: Addendum (10 pages, including this page).

DEPARTMENT OF UTILITIES – NORFOLK, VIRGINIA

**ADDENDUM NO. 1**  
**June 25, 2014**

TO CONTRACT DOCUMENTS FOR:

CITY OF NORFOLK  
DEPARTMENT OF UTILITIES  
WESTERN BRANCH RESERVOIR DAM SAFETY IMPROVEMENTS

This addendum forms a part of the contract documents and clarifies the revised documents as stated herein. This addendum must be acknowledged in the space provided in the proposal. Failure to acknowledge shall subject the Bidder to disqualification.

Except as may be otherwise described, bidding requirements, materials, and workmanship for the work described herein shall conform to all requirements of the original Contract Documents. The following Addendum to the drawings and specifications is made a part of the project, and takes precedence over the section of the specifications in part, as originally written and over the drawings, in part, as originally drawn and/or written.

This addendum consists of 11 pages, including the Transmittal Letter, Addendum and Attachments.

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This addendum is made part of the above noted Contact Documents. It shall be acknowledged on page 102-22 of the Bid Form and submitted with Section III as part of the Bid.

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**The date and time of the bid submission has been changed to:**  
**3:00 p.m. local time, Wednesday, July 16, 2014**

**REVISIONS TO SPECIFICATIONS**

**GENERAL**

1. **ADD:** The cutoff for all questions shall be extended until 5:00 p.m. local time, July 7, 2014.

**Section 102 – Bidding Requirements and Conditions**

2. 102-1 **DELETE:** “Sealed bids...until 3:00 p.m. local time, Wednesday, July 9, 2014...”  
**ADD:** “Sealed bids...until 3:00 p.m. local time, Wednesday, July 16, 2014...”
3. 102-2 **DELETE:** Second full paragraph, starting with, “The Hampton Roads...” in its entirety

4. 102-15 **DELETE:** Bids to be opened: Time: (3:00) p.m. Wednesday, July 9, 2014  
**ADD:** Bids to be opened: Time: 3:00 p.m. Wednesday, July 16, 2014
5. 102-22 **DELETE:** Section F in its entirety  
**ADD:** "F. We agree to begin Work at any time we may be notified by the Owner, and complete all of the work in the Agreement within 880 Days"

Section 110 Special Provisions

6. 110-1 **DELETE:** Section II in its entirety
7. 110-1 **ADD:** Section V. Reservoir Access

The Contractor may utilize a barge or work platform in the reservoir, provided that the water quality of the reservoir be protected at all times. The Western Branch fishing station may be used for storage of equipment and materials outside of the parking area. The Western Branch fishing station may also be used for access to the reservoir, but public access shall be maintained at all times, except for short-term facility closures for major mobilization operations. In such cases, the Owner shall be notified at least 5 business days prior to the closure.

For all operations requiring access to the reservoir, the Contractor shall submit a Reservoir Protection Plan for approval, stating the type of equipment, the potential for and protection of contamination, and for the cleaning of equipment prior to being placed in the reservoir. In addition, a Spill Prevention, Control, and Countermeasure ("SPCC") Plan shall also be submitted for approval and the Stormwater Pollution Prevention Plan ("SWPPP") for the construction site shall be amended to incorporate activities at the launch site.

Section 01 11 00

8. 011100-2 **DELETE:** 1.5.B. "Complete all work no later than 36 months..."  
**ADD:** 1.5.B. "Complete all work no later than 880 days..."

Section 03 11 00

9. 031100-5 **DELETE:** 3.8.C. first sentence starting with, "Do not reuse..."

**END OF REVISIONS TO SPECIFICATIONS**

## REVISIONS TO PLANS

### SHEET C-40

**10. DELETE:** Detail 16 RCC STEP

**ADD:** Revised Detail 16 RCC STEP (attached)

**Note:** The detail eliminates the proposed concrete edge and replaces it with RCC on the emergency spillway.

**11. DELETE:** NOTE #4 in its entirety

**ADD:** NOTES: 4. The loose RCC step edge shall be compacted with a jumping jack tamper to the same density as the remainder of the RCC lift.

5. All other RCC spillway step sections shall match this detail.

6. Sections 21/C38 and Detail 22/C38 for drain cleanouts shall remain as shown without the conventional concrete facing.

### SHEET C-56

**12. DELETE:** Notes #1 through #6 in their entirety.

- ADD:** NOTES:
1. Contractor will be allowed to use the existing pump station road (Lockwood Circle) for limited construction access where shown in the plan view on this drawing. Access to any other area(s) shall be by written permission only.
  2. Before using the road, Contractor shall submit photographic and video documentation of pre-construction conditions, and Contractor will be held responsible for restoring the road once construction is complete.
  3. The Contractor will be supplied with up to six (6) cyber keys for access.
  4. Vehicles (one-ton or less) will be allowed to use the road in both directions. Empty dump trucks may exit the site using this road.
  5. One-time use will be permitted for the staging of construction equipment for work on the downstream side of the dam south of station 5+00. No additional movement of heavy construction equipment or materials deliveries shall be allowed.
  6. If, in the opinion of the Owner, construction traffic through the access gate becomes excessive, the gate will be left open and the Contractor will be required to post a gate attendant at the entrance to monitor and direct traffic.

## END OF REVISIONS TO PLANS

The deadline for the submission of questions on this project has been extended to:  
5:00 p.m. local time, July 7, 2014

## ATTACHMENTS:

Attachment A: Prebid meeting minutes (attached)

Attachment B: Revised Detail 16 RCC STEP (attached)

Addendum No. 1  
Western Branch Reservoir Dam Safety Modifications  
City of Norfolk Department of Utilities  
June 25, 2014



Attachment C: Sign-in sheet for Pre-Bid Meeting June 19, 2014 (by reference only, posted to website)

**END OF ADDENDUM**

**ATTACHMENT A: PREBID MEETING MINUTES**

**DATE: June 19, 2014**

**SUBJECT: Questions, responses and comments**

1. *What are the restrictions to access through the front gate, referencing sheet C-56?*

*RESPONSE: This will be clarified by Addendum 1. See item #12.*

2. *When will the contract be awarded?*

*RESPONSE: The City will make all attempts to expedite the contract, expecting that the Notice to Proceed will be issued in September or October.*

3. *The current date that bids are due creates some problems for a few contractors (7 hands raised) due to the 4<sup>th</sup> of July holiday.*

*RESPONSE: The bid date will be extended one week by Addendum 1. See item #4.*

4. *The requirement that additional information may or may not be required with the bid documents is confusing.*

*RESPONSE: For clarification, the bid package shall include the Bid Form (Specification 102 Section III in its entirety, including the MBE/WBE Compliance Checklist and the Non Collusion Affidavit), the Bid Bond Specification 102 Section IV) and the Certification Regarding Debarment (Specification 102 Section VI). Additional items, such as the Questionnaire (Specification 102 Section V) and other Bidder's qualifications listed in Specification 102 Section II.16, if requested, shall be submitted within 5 business days of the request.*

5. *The Specifications call out the period of construction as 880 days in one location and as 36 months in another.*

*RESPONSE: This will be clarified by Addendum 1. See items #5 and #8.*

6. *The "additional items" in the bid form and the 25% of additional items being counted towards the base bid is confusing.*

*RESPONSE: For clarification, the Bid Amount, on which the project will be awarded, shall consist of the total of Items #1 through #34 plus 25% of the total of Items #35 through #65.*

7. *Can you un-restrict the plan sheets to aid in the preparation of bids.*

*RESPONSE: The plans have been un-restricted and instructions have been posted to planholders website.*

8. *The mass concrete required temperature maximums are bordering on impossible to achieve, so can these be revised?*

*RESPONSE: Submit this question in writing with your proposed changes to this requirement, and it will be considered, and may be clarified by future Addendum as warranted.*

9. *The language of the "least dimension" requirement as related to the mass pour specifications is confusing.*

*RESPONSE: This is still under review, and may be clarified by future Addendum, as warranted.*

10. *The emergency spillway should be a mass pour because the whole section is less than 36-inch, so does that need to be revised?*

*RESPONSE: The conventional concrete facing will be eliminated by Addendum 1, which eliminates this issue. See item #10.*

11. *Reference was made to the strike-thru mention of the HRPDC regional construction specifications.*

*RESPONSE: This will be clarified by Addendum 1, as additional HRPDC documents are not necessary. See item #3.*

12. *The dewatering requirement to be at least one foot below the spillway surface elevation will be hard to achieve until the soil wall goes in, due to expected amount of seepage that is occurring.*

*RESPONSE: For clarity, the intent of the sequence of construction is that the soil cutoff wall be in place prior to work on the spillway chute.*

13. *Will maintenance operations by the contractor require on-site City inspection?*

*RESPONSE: No.*

14. *Who will be the engineer assisting the City during the construction period?*

*RESPONSE: O'Brien & Gere will be the construction engineer, working through the City.*

15. *Will a stability analysis really be required?*

*RESPONSE: Yes*

16. *If equipment is less than 71 tons, will the analysis still be required?*

*RESPONSE: Yes*

17. *Why did you use 71 tons?*

*RESPONSE: If this limit is a concern, submit your proposed limit in writing and we will take it under consideration, and it may be changed by future Addendum, if warranted.*

18. *Can the City release the Basis of Design report so that bids can be prepared with this information in mind?*

*RESPONSE: This is still being considered and may be released by future Addendum, if possible.*

19. *The control of water behind the dam has a general elevation and an expected elevation that needs to be dealt with in case of severe weather, but how do we know what you will hold it to?*

*RESPONSE: For clarity, refer to the Emergency Action Plan and the EAP supplement for what will be expected as severe weather approaches, and refer to Specification 107 Section VII. Emergencies for additional information.*

20. *Can you review the sequence of construction?*

*RESPONSE: The sequence of construction was presented.*

21. *Will the fill sequence really require a waiting period, controlled by the City?*

*RESPONSE: Yes.*

22. *Please consider requiring a low frequency hammer for sheet piles going in near the old Reed's Ferry landing.*

*RESPONSE: This is still being considered and may be revised by future Addendum, if warranted.*

23. *Please clarify the 100-foot requirement for the parapet wall.*

*RESPONSE: Only after the slurry wall is complete will the parapet wall be demolished, and it shall be removed in 100-foot sections. Refer to Specification 01 11 00 Section 1.5.9.*

24. *Does the fact that Suffolk has revised their flood elevations have any impact to the flood elevation of 7.5 called out in the plans?*

*RESPONSE: No.*

25. *How can two-way traffic be accommodated on the north access road?*

*RESPONSE: Refer to the plans, which show a temporary widening during construction.*



26. *Is there a permit already obtained for the temporary crossing?*

*RESPONSE: This is still being researched and may be clarified by future Addendum.*

27. *Will a scale really be required?*

*RESPONSE: Yes*

28. *Can reservoir water be used?*

*RESPONSE: For clarity, reservoir water can be used for general construction use, such as dust control, but not for concrete mixing. For potable water, the City of Suffolk has a bulk water purchasing program which requires a \$300.00 deposit and 48 hours advanced notice, by contacting 757-514-7000, option No. 2.*

29. *Will an impact hammer be allowed to facilitate concrete removal in the spillway?*

*RESPONSE: No.*

30. *Can you consider allowing job-built forms to be used more than twice?*

*RESPONSE: For clarity, all general forms, such as for the training walls, can be used more than twice, and this will be revised by Addendum 1.*

31. *What are the restrictions for using the reservoir for floating equipment and accessing the work zone?*

*RESPONSE: This will be clarified by Addendum 1. See item #7.*

32. *The core sample requirements and the reference to 85% recovery are not possible.*

*RESPONSE: This is still under review, and may be revised by future Addendum, as warranted.*

33. *For clarity, the requirement for minimizing turbidity during placement of the #5 stones was noted.*

*RESPONSE: No response needed.*

34. *Is the letter of credit form pertaining to the bid bond?*

*RESPONSE: This letter of credit is associated with the Bid Security requirements, as identified in Specification 102 Section II.4.*

35. *The heat specification in 01520 D.2 of 50 degrees minimum temperature seems unreasonable.*

*RESPONSE: This is still under review and may be clarified by future Addendum, as warranted.*

36. *The soil mix specification should be revisited.*

*RESPONSE: This is still under review and may be revised by future Addendum, as warranted.*

37. *The location of the test section should be clarified.*

*RESPONSE: Refer to specification section 31 56 13, paragraph 3.1.C., for the location of the cutoff wall test section. The test section will not be incorporated into the permanent work.*

38. *Sheet S-05 detail #5 shows the small diameter grout injection holes, but these do not appear in the plan view on sheet S-03.*

*RESPONSE: Reference is made to note #3 on sheet S-03 and to Specification 03 60 00 Section 3.2.*

**END OF MEETING MINUTES**

**ATTACHMENT B: REVISED DETAIL 16 RCC STEP**

